

Appl. No. 10/748,735
Amendment dated November 19, 2009
Reply to August 20, 2009 Office Action

Remarks/Arguments

Claims 1-19 are pending and of these; claims 1, 3-7, 9-12, and 15-19 stand rejected under §103(a), while claims 2, 8, and 13-14 are objected to but deemed to recite allowable subject matter.

Claims 1, 2, 7, 8, 11, and 13 have been amended. No new matter has been added by any amendments or any new claims.

In view of the comments below, Applicant respectfully requests that the Examiner reconsider the present application including claims 1 - 19 and withdraw the rejection of or objection to these claims.

a) Claims 1, 3-7, 9-12, and 15-19 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Manku, et al. (U.S. Patent No. 6,973,297) and in view of Younis et al. (UA Patent No. 6,134,430).

Claims 1, 7 and 11 are independent claims with claims 1, 3-6, and 16-19 dependent on claim 1, claims 9-10 dependent on claim 7, and claims 12 and 15 dependent on claim 11.

Claims 1, 7, and 11 are directed to systems and method which are configured for power management. The claim 1 system includes a power management controller that is configured to

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control power consumption based on various control parameters and minimal signal requirements for an analog signal with one of the control parameters being reference capacitance requirements for a known slew rate all as claimed.

The claim 7 system similarly includes a power management controller configured for adjusting control parameters of various entities based on a protocol and minimum analog signal where the adjusting control parameters further includes adjusting supply bias based on reference capacitance requirements for a given slew rate. Claim 11 controls a supply bias for a DAC based on various parameters including a reference capacitor in the DAC for controlling slew rate, thus managing power to a system all as claimed.

The amendments to each of claim 1, 7, and 11 have added subject matter directed to a capacitor for a predetermined slew rate utilized as specifically claimed. More specifically the feature added to claim 1 was eliminated from claim 2 (claim 2 was deemed to recite allowable subject matter). More specifically the feature added to claim 7 was eliminated from claim 8 (claim 8 was deemed to recite allowable subject matter). More specifically the feature added to claim 11 originated with claim 13 (claim 13 was deemed to recite allowable subject matter). Nothing in Manku et al or Younis et al or any other reference of record shows or suggests adjusting a bias current based on a capacitance corresponding to slew rate as respectively and specifically claimed.

Furthermore, nothing in either of these references shows or suggest adjusting bias current for a DAC filter as in claim 5, adjusting control parameters for a DAC filter as in claim 7 or doing so independently as in claim 9 or adjusting a reference capacitance as in claims 13-14, etc .

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Thus all features of any of independent claim 1, 7, or 11 have not been shown or suggested by this combination of references and therefore these references do not properly support a §103(a) rejection of any of the independent claims or, at least by virtue of dependency, any dependent claims. Hence Applicant respectfully submits that these claims, as amended, are clearly allowable over these references.

For these reasons, Applicant respectfully requests that the Examiner reconsider and withdraw the rejection of claims 1, 3-7, 9-12, and 15-19 under 35 U.S.C. §103(a) as being unpatentable over Manku, et al. (U.S. Patent No. 6,973,297) and in view of Younis et al. (UA Patent No. 6,134,430).

b) Claims 2, 8, and 13-14 stand objected to as being dependent upon a rejected base claim but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicant is appreciative of and agrees with the Examiner's view that these claims recite allowable subject matter. Applicant further submits, in view of the above discussions and amendments that the base claims are now allowable and thus, that this objection to these claims has been overcome and that the objection should thus be withdrawn.

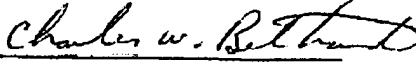
Accordingly, Applicant respectfully submits that the claims, as amended, clearly and patentably distinguish over the cited references of record and as such are to be deemed allowable.

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Such allowance is hereby earnestly and respectfully solicited at an early date. If the Examiner has any suggestions or comments or questions, calls are welcomed at the phone number below.

Although it is not anticipated that any fees are due or payable since this Amendment is being timely filed within the allowed time frame, the Commissioner is hereby authorized to charge any fees that may be required or credit any overpayments to Deposit Account No. 50-3435.

Respectfully submitted,


Charles W. Bethards
Reg. No. 36,453

Law Office of Charles W. Bethards, LLP
P.O. Box 1622
Colleyville, Texas 76034
Phone (817) 581-7005
Fax (817) 281-7136
Customer No. 51894